## DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I he		· ·			
next to my name; I believe that I am the o		•	·		-
joint inventor (if plural names are listed	,	•		_	
			N A NAND TYPE F		
DEVICE," the specification of wh					
No and wa	as amended on	(if app	licable); $\square$ was filed as	PCT Interr	national
Application No on					
I hereby state that I have reviewed and	understand the content	s of the above-identif	ied specification, includ	ling the cla	iims, as
amended by any amendment(s) referred	to above. I acknowled	lge the duty to disclos	se to the Patent and Tra	ademark Of	ffice all
information known to me to be material to	patentability as define	d in 37 C.F.R. §1.56.			
In the event that the filing date a	and/or Application No.	are not entered above	at the time I execute thi	s document	t, and if
such information is deemed necessary, I l	hereby authorize and re-	quest my attorneys/age	ent(s) at Marshall, Gerst	ein & Boru	n, 6300
Sears Tower, 233 S. Wacker Drive, Ch.	icago, IL 60606-6357.	to insert above the f	iling date and/or Appli	cation No.	of said
application.					
I hereby claim foreign priority	benefits under 35 U.S	.C. §119 of any fore	ign application(s) for p	atent or in	ventor's
certificate or of any PCT international a		· ·			
listed below and have also identified belo	''	7			
application(s) designating at least one co			·		
	-		a med by me on the se	anie subject	imatter
having a filing date before that of the app	neation(s) of which prio	inty is claimed.		Dui aurita d	~1-:
			•	Priority C	اررaimed
				_	
2002-40466 Republic (Application Serial Number) (Cour		1, 2002 h/Year Filed)		☑ Yes	□ No
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(Application Serial Number) (Cour	atry) (Day/Mont	h/Year Filed)		□ Yes	□ No
(Application Schai Number)	my) (Day/Mont	iv i cai i iica)		103	110
I hereby claim the benefit under	35 U.S.C. §119(e) of ar	y United States provis	ional application(s) liste	d below:	
				•	
(Application Serial Number)		(Day/N	Month/Year Filed)		
		. ,	,		
(Application Serial Number)	,	(Day/N	Month/Year Filed)	•	
			. •		
I hereby claim the benefit under	: 35 U.S.C. §120 of any	United States applica	tion(s) or PCT internati	ional applic	ation(s)
designating the United States of America	listed below and, insofa	ar as the subject matter	of each of the claims of	f this applic	ation is
not disclosed in the prior application(s) in	n the manner provided l	by the first paragraph of	of 35 U.S.C. §112, I ack	mowledge t	the duty
to disclose to the Office all information k	nown to me to be mate	rial to patentability as	defined in 37 C.F.R. §1.	.56 which o	ccurred
between the filing date of the prior applic	ation(s) and the nationa	or PCT international	filing date of this applica	ation:	
(Application Serial Number) (Day/	/Month/Year Filed)	(Status	-Patented, Pending or A	bandoned)	
(Application Serial Number) (Day/	/Month/Year Filed)	(Ctotoo	-Patented, Pending or A	handonad)	
(Tybhicanon senar immoer) (Dáa)	Monul Lear Flied)	(Siatus	-1 atomica, 1 chaing of A	oandoned).	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John B. Lungmus	18,566	Kevin D. Hogg	31,839	Gregory C. Mayer	38,238
Allen H. Gerstein	22,218	Jeffrey S. Sharp	31,879	Michael R. Weiner	38,359
Nate F. Scarpelli	22,320	Martin J. Hirsch	32,237	David C. Read	39,811
Michael F. Borun	25,447	Richard M. Labarge	32,254	Thomas A. Miller	40,091
Carl E. Moore, Jr.	26,487	James J. Napoli, Ph.D.	32,361	William K. Merkel	40,725
Richard H. Anderson	26,526	Robert M. Gerstein	34,824	Sandip H. Patel	43,848
Patrick D. Ertel	26,877	Michael R. Hull	35,902	Kevin M. Flowers	44,684
Richard B. Hoffman	26,910	Anthony G. Sitko	36,278	William J. Kramer	46,229
James P. Zeller	28,491	David A. Gass	38,153		•
Thomas I. Ross	29,275				÷

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467-704	467-704
State or Country	State or Country
Republic of Korea	Republic of Korea
Date	Signature / // /
☑ May 15, 2003	12 M/3

## APPLICABLE RULES AND STATUTES

## 37 CFR 1.56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR 1.56(a).

## 35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless --

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
  - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
  - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER (Applicable Portion)

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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Date ☑ May 15, 2003	Signature USUS